## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/017516

		1 201/01	2003/01/310
	CATION OF SUBJECT MATTER (2006.01), G06K17/00(2006.01),	H01Q1/48(2006.01)	
According to Int	ternational Patent Classification (IPC) or to both nation	nal classification and IPC	
B. FIELDS SE	EARCHED		
Minimum docur	nentation searched (classification system followed by o	classification symbols)	
H01Q//00(	(2006.01), G06K17/00(2006.01),	H01Q1/48(2006.01)	
	searched other than minimum documentation to the ex		
		itsuyo Shinan Toroku Koho oroku Jitsuyo Shinan Koho	
Electronic data l	base consulted during the international search (name of	f data base and, where practicable, search	terms used)
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	opropriate, of the relevant passages	Relevant to claim No.
х		Kosaku Kabushiki	1,6,7
	Kaisha),   18 July, 2003 (18.07.03),		
	Full text; all drawings		
	(Family: none)		
x	JP 3586915 B2 (Denso Corp.),		1,6,7
	20 August, 2004 (20.08.04),	•	1,0,7
-	Full text; all drawings (Family: none)	·	
	(ramily: none)		
x	JP 2000-269724 A (Sharp Corp		1-3,6-8
Y	29 September, 2000 (29.09.00 Full text; all drawings	),	4,5,9-26
	(Family: none)		
	cuments are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to date and not in conflict with the a		"T" later document published after the inter- date and not in conflict with the applicat	national filing date or priority
be of particul	lar relevance cation or patent but published on or after the international filing	the principle or theory underlying the inv	vention
date		considered novel or cannot be considered	ered to involve an inventive
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be	
special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive ste combined with one or more other such d	p when the document is
"P" document pu	blished prior to the international filing date but later than the	being obvious to a person skilled in the a	int
priority date	сынка	& document member of the same patent far	пшу
Date of the actual completion of the international search		Date of mailing of the international search report	
26 Dece	ember, 2005 (26.12.05)	10 January, 2006 (	10.01.06)
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C (Continuation	a). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2824791 B2 (Nippon Sheet Glass Co., Ltd.), 11 September, 1998 (11.09.98), Full text; all drawings & US 5198826 A	1-3,6-8 4,5,9-26
Y	JP 2004-213582 A (Mitsubishi Materials Corp.), 29 July, 2004 (29.07.04), Full text; all drawings (Family: none)	4,5,9-26
Y	JP 2004-166175 A (Mitsubishi Materials Corp.), 10 June, 2004 (10.06.04), Full text; all drawings & WO 2003/61069 A1 & EP 1484816 A1	4,5,9-26
Y	JP 2002-353735 A (Sharp Corp.), 06 December, 2002 (06.12.02), Full text; all drawings (Family: none)	15
Y	JP 2003-168914 A (Lintec Corp.), 13 June, 2003 (13.06.03), Full text; all drawings & US 2003/139163 A1	21,22
Α	JP 2004-215061 A (NGK Spark Plug Co., Ltd.), 29 July, 2004 (29.07.04), Full text; all drawings (Family: none)	1-26
A	JP 60-31290 Y2 (Matsushita Electric Industrial Co., Ltd.), 19 September, 1985 (19.09.85), Full text; all drawings (Family: none)	1-26
A	JP 2001-251128 A (Matsushita Electric Industrial Co., Ltd.), 14 September, 2001 (14.09.01), Par. Nos. [0025] to [0027]; Figs. 1, 2 (Family: none)	16,18-26
A	JP 2002-344225 A (Tamura Electric Works, Ltd.), 29 November, 2002 (29.11.02), Par. Nos. [0010] to [0012]; Fig. 4 (Family: none)	16,18-26